

Inland Empire

Cooperative Weed Management Area

2003

End of Year Report



Biological Field Day
June 19, 2003

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Introduction

The Inland Empire Cooperative Weed Management Area was developed to facilitate effective treatment and coordinate control efforts over the long-term. The Inland Empire CWMA has developed common management objectives, set realistic management priorities, and identified priority weed species.

The goals of the Inland Empire CWMA are to: Prevent the introduction, reproduction and spread of noxious weeds and invasive exotic plants; Reduce the extent and density of established noxious weeds to levels that are acceptable; Implement the most economical and effective control methods for target weeds; Implement an integrated management system using appropriate methods of treatment and control; Educate the public as to the importance of proper weed management and get the needed media coverage to show what is being done.

The area covered by this Agreement includes Kootenai, Shoshone, and a portion of Benewah Counties.

The major weeds of importance in the area include tansy ragwort, leafy spurge, dalmatian and yellow toadflax and blueweed. Major efforts are being made to control these weeds each year.

The Chairperson of the Inland Empire CWMA is Leslee Stanley, with Mike Denney as Vice and Carol Randall as secretary. Cooperators in the CWMA include private landowners, county government, university, state and federal land management agencies, as well as interested individuals and organizations.

Summary of Year 2003 Projects

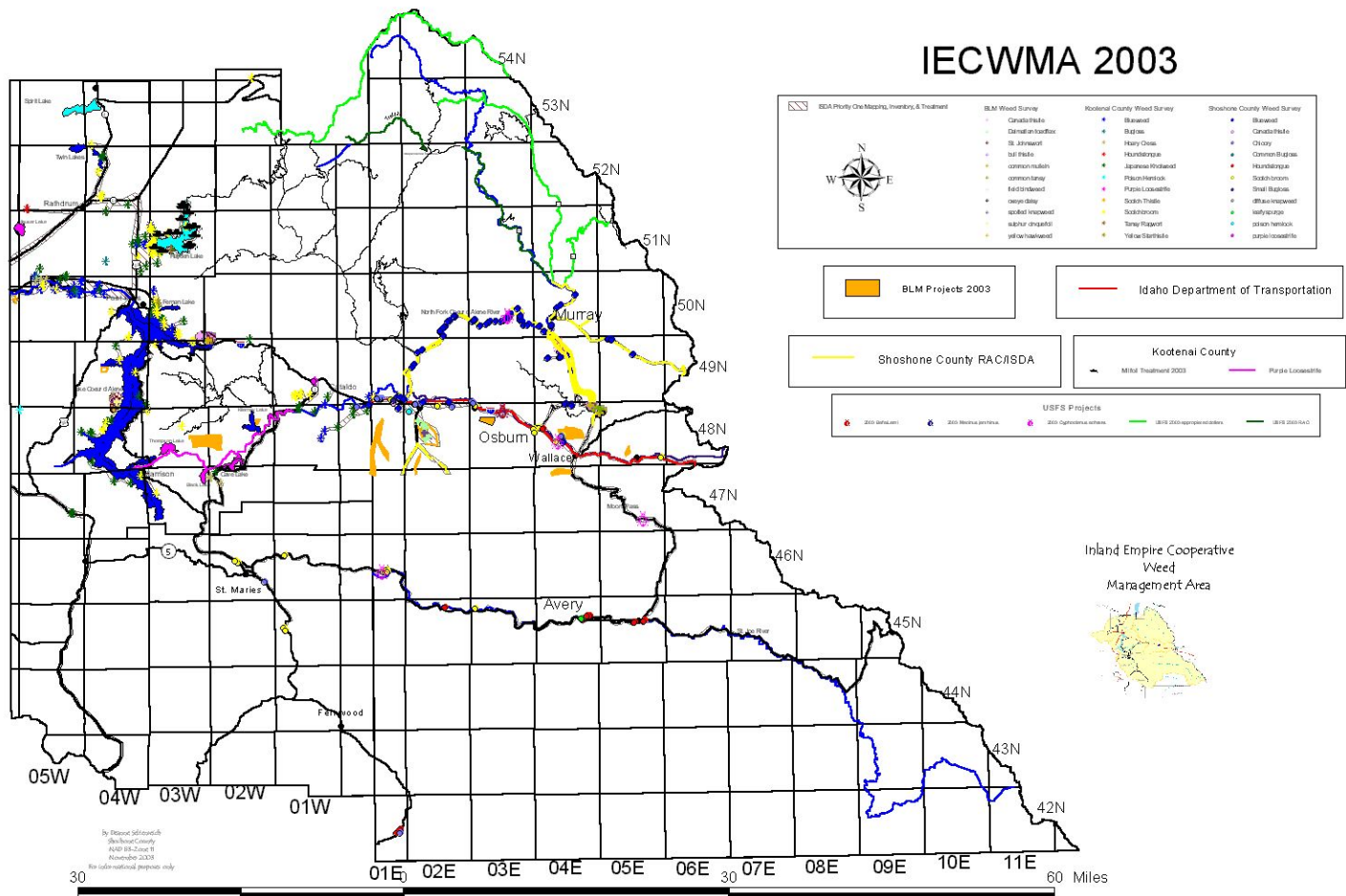
Coordination Meetings

Several coordination meeting were held prior to the field season to establish objectives, goals, finalize the annual operating plan, receive direction from the Idaho State Department of Agriculture, and plan the summers' events. Our goal for the 2003-year was to work strategically and increase the membership. These goals were met and set higher for 2004.

On March 20th, the IECWMA and SELKIRK CWMA's held a joint meeting. There were approximately 30 people in attendance representing several different agencies. This was a valuable meeting to keep communication between the two groups, share ideas, and talk about on the ground projects.



IECWMA 2003



This has been an ongoing project that has seen many changes from marking on a quad map to using a recreational unit and graduating to a post-processing unit. Not only has Shoshone County become proficient with the data collector, but has also dealt with the learning curve of using ArvView to produce maps. Shoshone County has become the data coordinator for the Inland Empire Weed Management Area (IECWMA). The addition of a plotter has allowed Shoshone County to provide maps for meetings, public awareness and cooperators in the weed management area.

A GIS technician was hired to input known weed infestations, biological agent releases and update our current Inland Empire CWMA map. Keeping track of multiple owners and various weed species is a major accomplishment and a necessary tool to track successes and failures. Each year the IECWMA has expanded the area mapped, monitored and treated, added additional species to be mapped, and included a treatment layer for statistical comparisons. This program has allowed counties to effectively plan their programs by monitoring the effectiveness of treatments and making new invaders a top priority.

Four cooperative workdays were accomplished this year including the following:



Beach along North Idaho College and Tubbs Hill: approximately 11 ½ acres were treated for Spotted Knapweed and Dalmatian Toadflax. There were 12 participants from the following agencies: BLM, ITD, Parks and Recreation, Shoshone and Kootenai Counties. BLM provided lunches to participants.

Blueweed Coop Spray Day:

North Fork of the Coeur d'Alene River: Enaville Townsite, Albert's Place, Bumblebee Island, and MP 7. Two additional cooperative days were also spent on **Beaver Creek** to treat Blueweed. There were 9 participants from BLM, Kootenai and Shoshone counties and ITD supplied herbicide. Landowners participated by hand pulling and chemically treating. Backpacks and ATV sprayers were available to landowners and they were also reimbursed for 80% of herbicide costs. Shoshone County provided lunches again this year to participants. **Approximately 612 acres were treated.**

Deanne, Craig, Tim, Nina, Jason & Dave
(Leslee took the picture)



County RAC crew

This project was coordinated with a co-sponsored RAC project between Shoshone County and USFS. Both agencies hired youth crews to mechanically pull blueweed and other species within the riparian areas of Beaver Creek and the North Fork of the Coeur d'Alene River.

The youth gleaned a lot of information about noxious weeds, their habitat and environmental impacts.

This mapping program has also allowed Benewah, Kootenai and Shoshone counties to identify new invaders, locate new weed sites, monitor effectiveness of treatment programs and increase weed awareness to landowners.

The ability to create maps of the IECWMA has increased our productivity as a weed management area by pinpointing problem areas and allowing cooperators to focus on weed problems more strategically. This has been such a successful project that the IECWMA has decided to fund a GIS technician for the 2004 season.



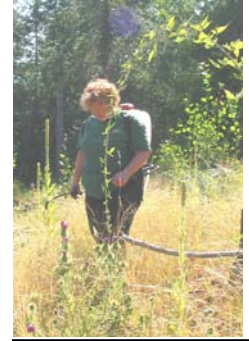
Both Shoshone and Kootenai Counties hired a weed mapper that allowed them to spend the summer using GPS units to map weed sites in the county. Over 1,000 sites were inventoried amounting to over 2,500 acres mapped, and approximately 1,000 acres were treated. In kind contributions amounted to \$48,527. Both counties were so impressed with the results that they have decided to fund a GIS technician for the 2004 season.

Deanne and Jason,
(mappers)

Neighborhood Cooperatives

All counties worked with private landowners in the CWMA to treat noxious weeds. This was a great opportunity to educate the public on control methods and talk about restoration. Shoshone County had three coop participants fertilize and two re-seeded. Backpacks and ATV sprayers were available and private landowners were reimbursed for eighty-percent of their herbicide costs. Cooperators were able to treat over 2,300 acres of weeds. This program has been very successful as evidenced by the decrease of herbicides needed to treat cooperatives.

The IECWMA plans to continue with this program in 2004. The goals are to concentrate on getting current coops to move towards restoration, target the development of new coops, and continue with landowner awareness.



Carol Young,
landowner

Biological Control

It was an exciting year for Biological Control in the Inland Empire Cooperative Weed Management Area (IECWMA). With the assistance of the Pend Oreille County biological control liaison (Jan Rice) we were able to monitor older bioagent releases, and survey an ever-decreasing amount of purple loosestrife- the result of *Galerucella* spp. releases made over the past 5 years. IECWMA members also made new agent releases.

The greatest achievement of our program this year is the increased awareness of biological control it fostered. The money provided to the IECWMA through the cost share program, matched with biological control agents (*Bangasternus fausti*- the broad- nosed knapweed seedhead weevil) provided by the Nez Perce Tribe Biocontrol Center and presenters from the University of Idaho and USDA Forest Service, made it possible to conduct 2 well attended biological control of Spotted Knapweed field workshops. The Coeur d'Alene session was covered in the Coeur d'Alene Press (Appendix 1). Over 40 releases resulted from these workshops in 5 north Idaho counties.



This year's project also resulted in more group monitoring efforts. Dr. Mark Schwarzlaender, biological control researcher from the University of Idaho, made frequent trips to the area and tied in with IECWMA members to assist them in monitoring 10 older *Cyphocleonus achates* and 6 older *Mecinus janthinus* sites. Both agents were found to have established and caused visible damage to their host plants. Dr. Schwarzlaender hopes to use many of the sites monitored for research.

Monitoring at a Bureau of Land Management *Cyphocleonus achates* release site. Front Row Left to Right Dr. Mark Schwarzlaender (U of Idaho), Doug Evans (USDI Bureau of Land Management), Carol Randall (USDA Forest Service), Leslee Stanley (Shoshone County) Back Row Left to Right Deanne Seltenreich (Shoshone County), Jan Rice (Pend Oreille County) Loretta Nichols (Pend Oreille County) and Back Craig Bartel (Shoshone County)

An exciting feature of this year's biological control project was the large number and variety of land managers we were able to work with. Biological control agents were provided to suburbanites as well as land

management agencies. We were able to release agents in organic farms, on 5 acre ranchettes, as well as in national forests and along Idaho Transportation Department right of ways.



Perhaps one of the most gratifying experiences of the year was a tour of the Chain Lakes where biological control and the north Idaho Cooperate Weed Management Area(s) began. In 1998 there were 1-20+ acre patches of Purple Loosestrife in the town of St. Maries and at many locations along the shores of the Chain Lakes. This year very few flowering loosestrife plants could be found and all were fed upon by the bioagent. There has not been a need to apply herbicide for 2 years.

Purple loosestrife plant attacked by *Galerucella* spp. Picture taken at the Rainy Hill boat launch, Medimont, ID.

Eurasian Milfoil

Spirit Lake-As in 2002, the Spirit Lake Property Owners Association hired a diving company to removal milfoil from the lake. No herbicide application was used and per the Kootenai County Noxious Weed office agreement, \$3000 in matching funds was reimbursed to the association toward their \$6000 diving bill. In 30 days of diving, over 7,000 pounds of Eurasian milfoil was removed.

Hayden Lake-The Kootenai County Noxious Weed Department continued its 5-year fight to remove Eurasian milfoil from Hayden Lake. The removal process included diver hand pulling and an herbicide application. This year, the prognosis is uncertain because control efforts were hampered. Low water levels and warm temperatures through the spring caused the Eurasian milfoil to grow to the surface earlier, and silt accumulations on the plants prevented the herbicide from working effectively. Diver hand pulling started in August instead of June, due to the late start on the permitting process.



In August, 80 acres of lake surface area were chemically treated on the north end and eastern side of Hayden Lake. The herbicides used were Nautique™ and Reward®, and both were applied from an airboat. The thickest infestations of Eurasian milfoil were targeted for herbicide treatment. In medium to light infestation areas, divers pulled approximately 46 tons of milfoil and other aquatic plants from the lake, covering about 170 acres of shoreline. Hayden Lake control costs for the season were approximately \$80,000. The funds used were a combination of grant monies from the ISDA, contributions from generous landowners around Hayden Lake and the County Weed budget.

Once cold weather returned in late October, the remaining Eurasian milfoil sank in the cooler water so diving was discontinued. The Noxious Weed department's intention is to continue with milfoil removal efforts in 2004. Removal will slow the spread of Eurasian milfoil in Kootenai County and our presence has made the project visible in the public eye. Education and prevention efforts are ongoing, but actively pursuing the control of Eurasian milfoil in Hayden Lake is a top priority of our department.



EDUCATION

Weed Symposium

Shoshone County's Weed Advisory Board sponsored a "Weed Symposium" in which the Inland Empire CWMA assisted with this event by manning booths and making presentations. The booths were: Carol Randall, USFS, biocontrol; Val Goodnow, USFS, cleaning equipment; Nina Eckman, Kootenai County, residential applications; Doug Evans, BLM, weed identification; Joel Fields, Wilbur Ellis, herbicide application recommendations; Deanne Seltenreich, Shoshone County, Mapping; Carol Young, Shoshone County Weed Advisory Board, Neighborhood Cooperatives; and Tim Stein, ISDA, applicator responsibilities. The Rental Store had a display of available spray equipment for rent. Pesticide re-certification credits were offered. Leslee Stanley, Shoshone County, showed power-point presentations on "Shoshone County's Noxious Weed Control Program" and "What is a CWMA". The symposium was very well received with 30 landowners in attendance and many phone inquiries and requests for information. Youth packets were handed out that included a noxious weed coloring book, word search, weed posse pins and tattoos. Fact sheets and handouts including the regional "What are They?" booklets were given to all participants. This was so positively received that four similar education days are planned for 2004 to be held throughout the CWMA.



Tim Stein, ISDA with interested landowners

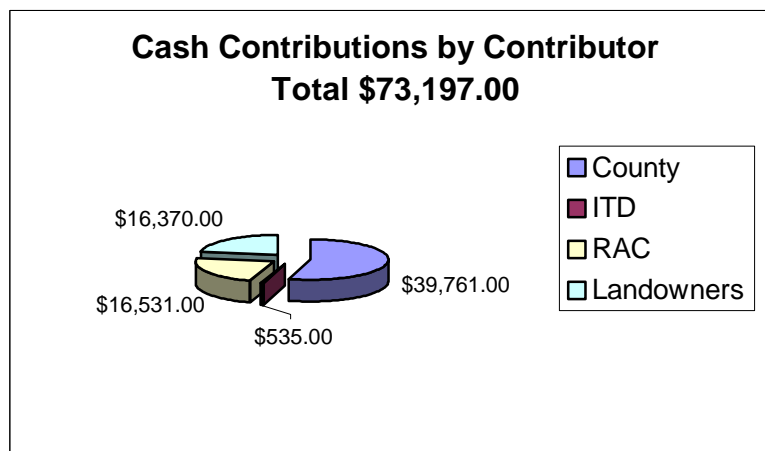
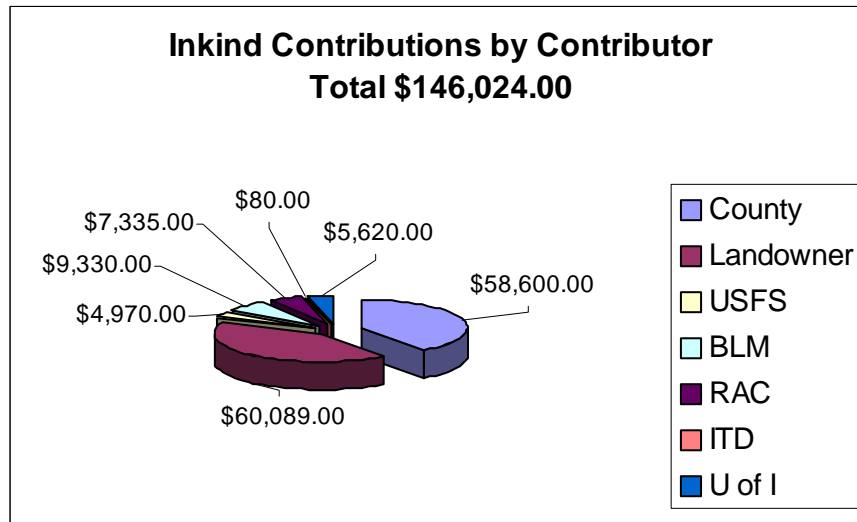
BLM and Kootenai County teamed up to present a Noxious Weed Booth at the North Idaho Fair. 980 contacts were documented.

Kootenai and Shoshone Counties gave several presentations at various meetings and for civil organization groups.

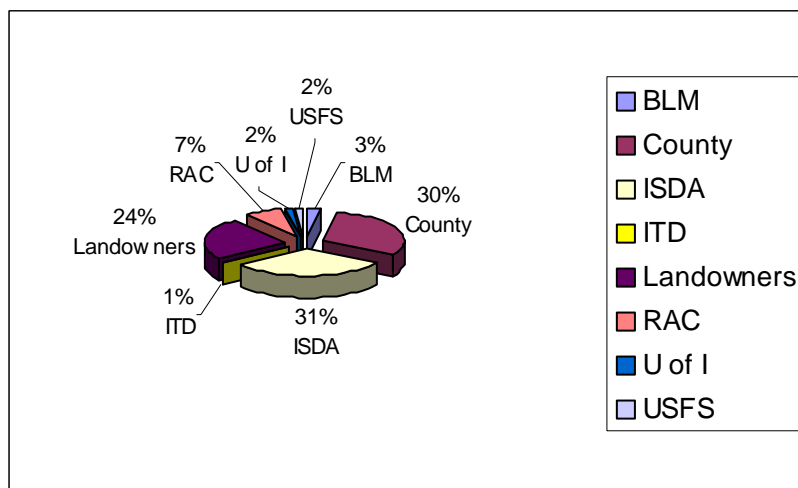
Contributions and Expenditures to the Inland Empire



The following pie chart shows a break down of all in-kind contributions obtained for the Inland Empire CWMA in the 2003 season. A total equivalent dollar amount of In-Kind Contributions was \$146,024.00 for 2003 and includes labor, materials, supplies, and equipment usage.



The following pie chart shows a break down of cash funds, contributed including time, equipment, and supplies for the Inland Empire CWMA. Cooperators and individuals contributed \$219,221.00 (matching dollars). ISDA contributed an additional \$103,211 for area-wide projects; bring the total cost of all projects to **\$322,432.00** for the 2003 season. Following is a breakdown of percentage of contributions by contributor.



2004 Season

The Inland Empire CWMA has big plans for Year 2004. Some of them include:

Our mapping efforts will be continued to ensure good tracking of weed infestations, bio-agent releases, and property ownership. We will continue to add species to the list of this project and increase acres mapped. A post-processing data collector will be purchased for Kootenai County so that they can produce more accurate data and utilities the data dictionary not available with a recreational unit. They will be able to collect the necessary attributes required by ISDA. A dedicated GIS station will be purchased for Shoshone County so that they have the tools to adequately maintain mapping records for the IECWMA. This project also has a lot of opportunity for public awareness and education.

The Education program will be expanded to go to four locations within the CWMA. The IECWMA is also planning a “Weed Awareness Day” in which there will be several speakers, booths, and pesticide certification credits will be offered. Kootenai County will host a community meeting to inform property owners about milfoil. Shoshone County will host a community meeting to educate landowners about blueweed and the neighborhood cooperative program.

The Neighborhood Cooperative program will be expanded to increase participants within current coops and bring new coops on board. The importance of restoration will be emphasized and encouraged. This program will be highlighted in the educational days that will be held throughout the IECWMA.

Tours to our recently established bio-control sites will again be scheduled this year to determine which bio-agents are working and which aren't.

Our overall goals include: educate the landowners and youth; fight weeds effectively; involve as many individuals and organizations as possible; be able to show positive results.

Appendix 1

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Appendix II

Project Summaries:

Priority 1-Mapping, Inventory, and Treatment		
Species	<u>Acres Mapped</u>	Acres Treated
Blueweed- <i>Echium vulgare</i>	277.0	250.0
Canada Thistle- <i>Cirsium arvense</i>	21.8	
Chicory- <i>Chichorium intybus</i>	4.0	4.0
Common Bugloss- <i>Anchusa officinalis</i>	1.5	1.5
Common Mullein- <i>Verbascum thapsus</i>	6.5	
Common Tansy- <i>Tanacetum vulgare</i>	27.78	20.0
Dalmation Toadflax- <i>Linaria genistifolia</i>	11.96	
Diffuse Knapweed- <i>Centaurea diffusa</i>	1.5	.5
Field Bindweed- <i>Convolvulus arvensis</i>	.1	
Hoary Cress- <i>Cardaria draba</i>	.6	.6
Houndstongue- <i>Cynoglossum officinale</i>	10.1	10.1
Japanese Knotweed- <i>Polygonum cuspidatum</i>	106.0	3.0
Leafy Spurge- <i>Euphorbia esula</i>	.10	.10
Meadow Hawkweed- <i>Hieracium pratens</i>	344.43	20.0
Orange Hawkweed- <i>Hieracium aurantiacum</i>	.1	
Oxeye Daisy- <i>Chrysanthemum leucanthemum</i>	26.4	
Poison Hemlock- <i>Conium maculatum</i>	5.0	0.5
Purple Loosestrife- <i>Lythrum salicaria</i>	2.5	2.5
Rush Skeletonweed- <i>Chondrilla juncea</i>	8.4	
Scotchbroom- <i>Cystius scoparius</i>	225.5	85.5
Scotch Thistle- <i>Onopordum acanthium</i>	0.1	0.10
Spotted Knapweed- <i>Centaurea maculosa</i>	52.39	
St. Johnswort- <i>Hypericum perforatum</i>	31.61	
Sulfur Cinquefoil- <i>Potentilla recta</i>	16.6	
Tansy Ragwort- <i>Senecio jacobaea</i>	73.89	51.0
Yellow Toadflax- <i>Linaria vulgaris</i>	20.6	
Yellow Starthistle- <i>Centaurea solstitialis</i>	0.1	0.1
Total	1773.96	697.9

Priority 2-Neighborhood Coops	
Species	<u>Acres Treated</u>
Blueweed- <i>Echium vulgare</i>	8.33
Canada Thistle- <i>Cirsium arvense</i>	295.47

Common Bugloss- <i>Anchusa officinalis</i>	1
Common Tansy- <i>Tanacetum vulgare</i>	386.42
Dalmation Toadflax- <i>Linaria genistifolia</i>	267.92
Houndstongue- <i>Cynoglossum officinale</i>	5
Meadow Hawkweed- <i>Hieracium pratens</i>	530.40
Orange Hawkweed- <i>Hieracium aurantiacum</i>	300.59
Oxeye Daisy- <i>Chrysanthemum leucanthemum</i>	55.75
Spotted Knapweed- <i>Centaurea maculosa</i>	460.92
Sulfur Cinquefoil- <i>Potentilla recta</i>	15.35
Yellow Toadflax- <i>Linaria vulgaris</i>	1
Total	2328.15

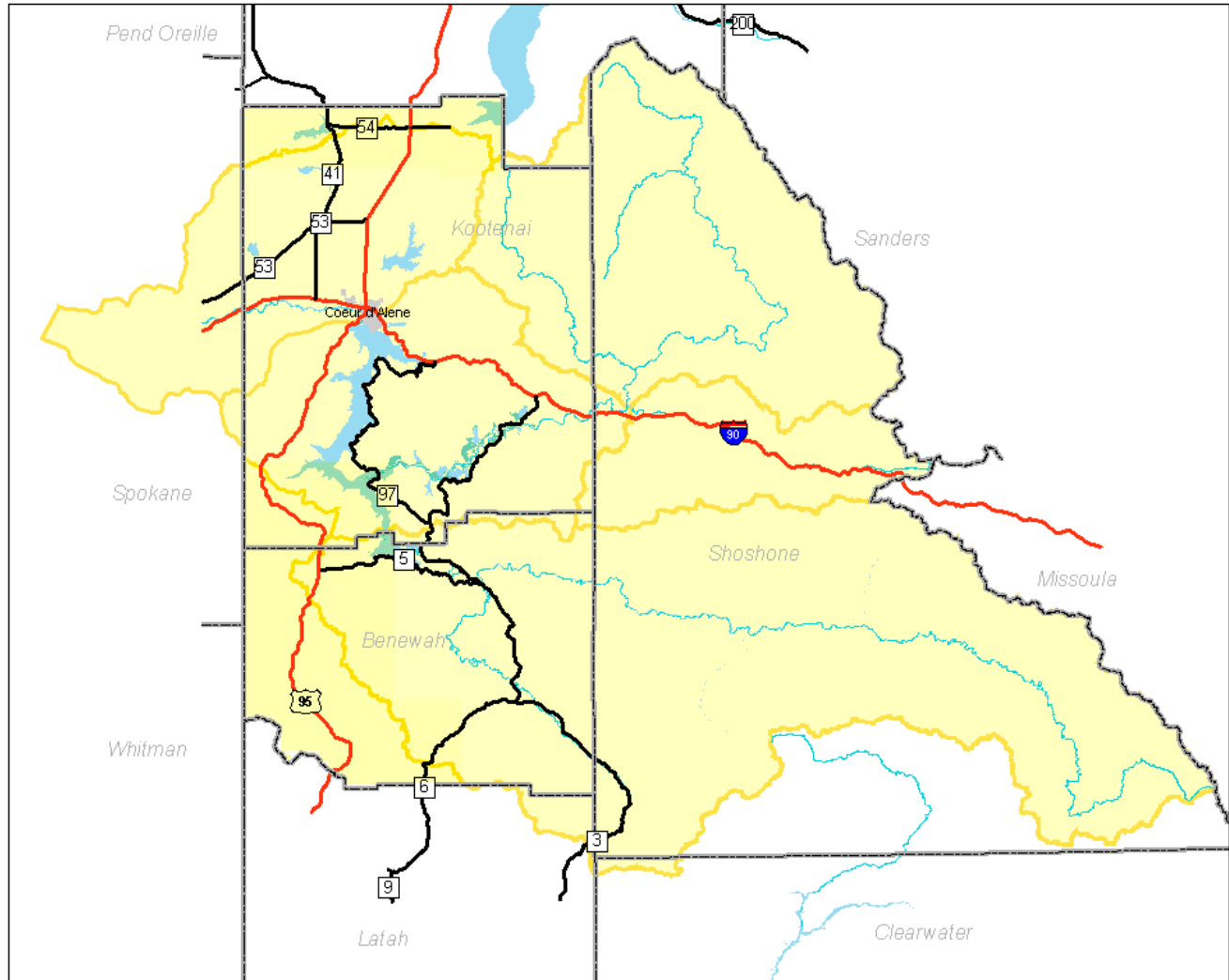
Priority 4-Biological Control		
Species	<u>Acres Monitored</u>	Acres Treated
Dalmatian Toadflax- <i>Linaria genistifolia</i>		25
Purple Loosestrife- <i>Lythrum salicaria</i>	50	
Spotted Knapweed- <i>Centaurea maculosa</i>	84	84.5
Total:	134	119.5

Priority 5-Eurasian Watermilfoil		
Species	Acres Monitored	Acres Treated
Eurasian Watermilfoil- <i>Myriophyllum spicatum</i>	497	250

TOTAL ACRES		
Mapped	Monitored	Treated
1,774	631	3,396

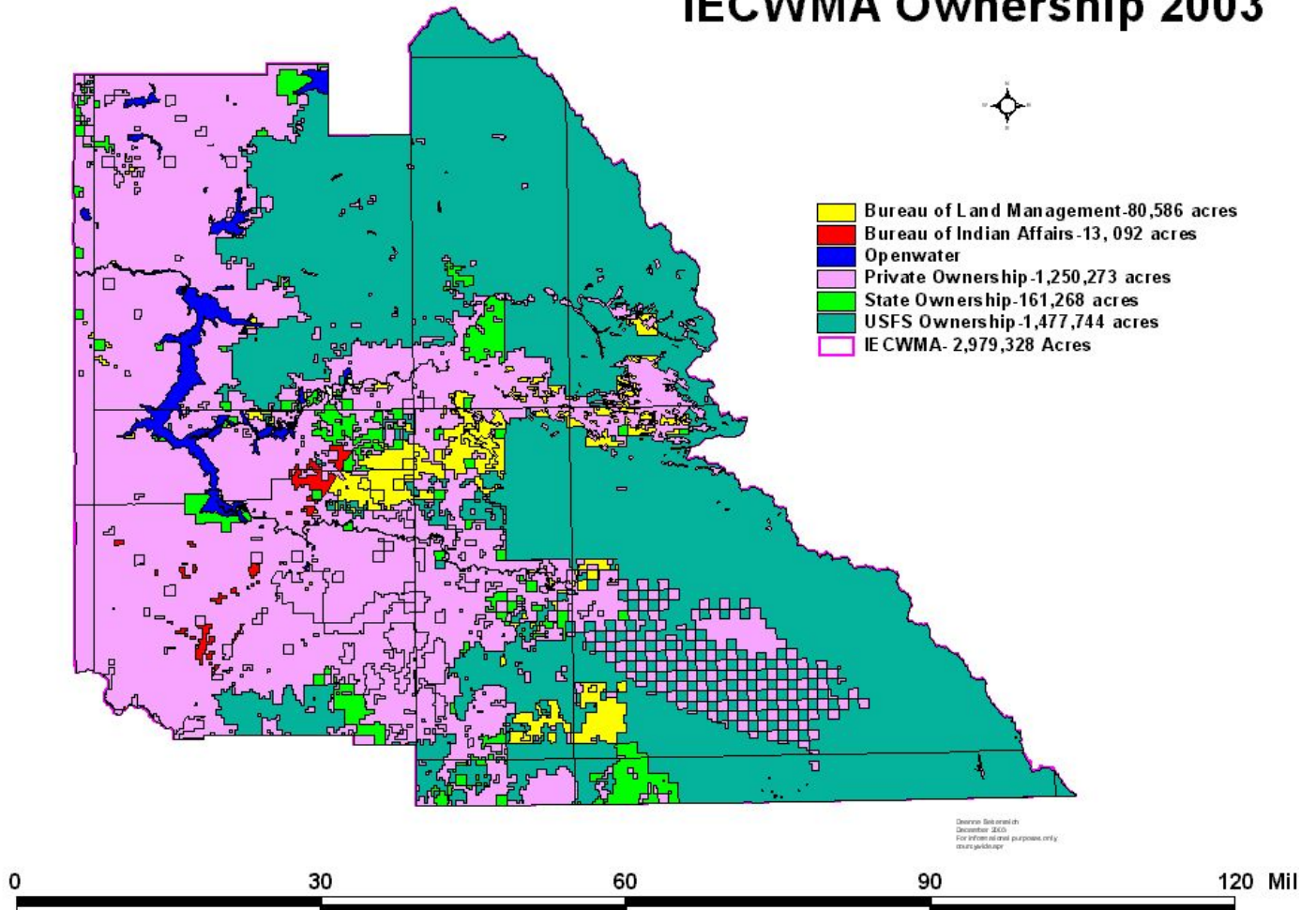
Appendix III

Maps

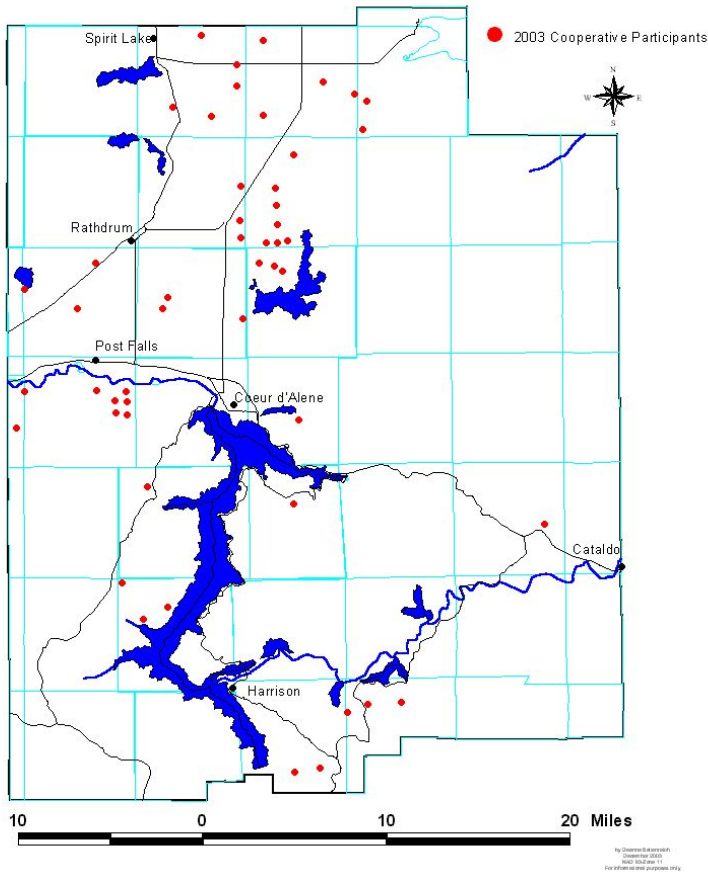


The Inland Empire Cooperative Weed Management Area (IECWMA) has defined geographic boundaries based upon 1) the watersheds of the St. Joe Basin (which feeds into Coeur d'Alene Lake) and the Coeur d'Alene Basin (which includes the Coeur d'Alene River and the Spokane River), 2) the Interstate 90 corridor from Mineral County, Montana through Shoshone and Kootenai Counties in Idaho, and into Spokane County, Washington (this corridor is often adjacent to and parallels the Coeur d'Alene River/ Spokane River system), and 3) The drainages of all the small lakes (Hayden, Hauser, Twin, and Spirit Lakes) in the northern portion of Kootenai county and the Rathdrum Prairie aquifer, which is also situated in Spokane County Washington (Appendix 3).

IECWMA Ownership 2003



2003 Kootenai County Priority 2 Neighborhood Coops

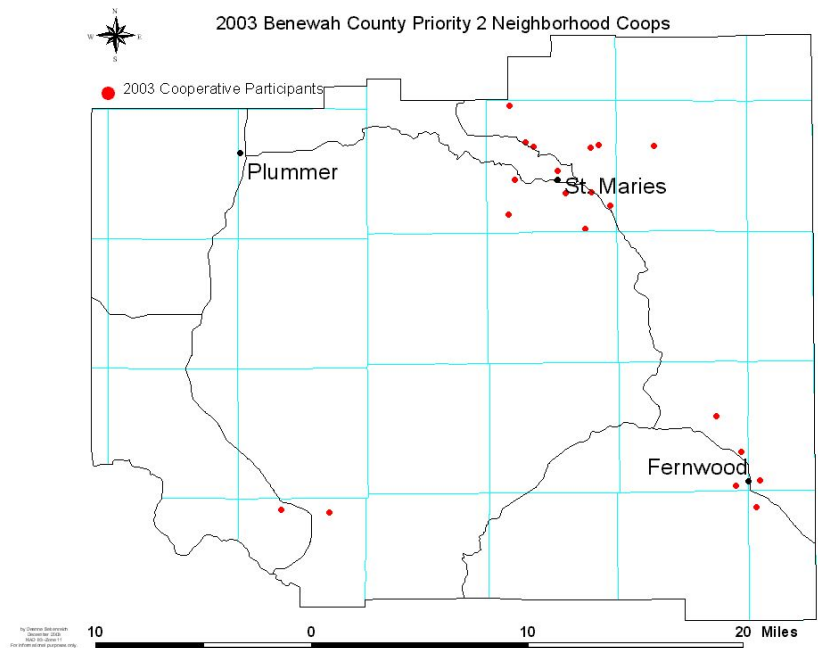


KOOTENAI COUNTY

Neighborhood Cooperatives 2003

Benewah County

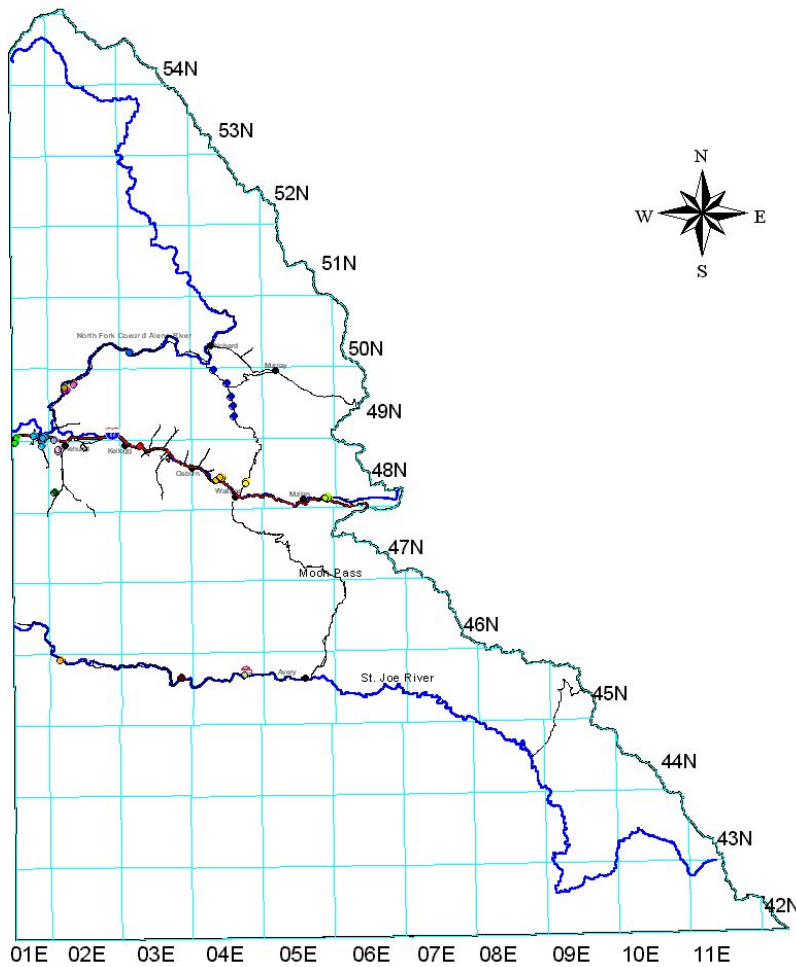
Neighborhood Cooperatives 2003



SHOSHONE COUNTY

Neighborhood Cooperatives

2003



Shoshone County 2003 Neighborhood Coops

Neighborhood Coops

- BEAVER CREEK
- BISARO COOP
- CATALDO GULCH
- CREEKSIDE NEIGHBORS
- CUNNINGHAM
- EISLER
- HOOFTY-GOOFY
- HUNT CEMETARY
- LINDEMANN
- LINFOR
- MCQUADE
- PAT HOPPER
- POWERS/PETERSON
- PWK
- STANLEY RANCH
- STEWART-NORLANDER
- SUNDSTROM
- WILLOW CREEK
- WRIGHT ROAD
- YOUNG/GROTH

A total of 17 Coops were formed this year,
46 individuals involved,
and 677.19 acres treated.

by Deanne Seifertich
Shoshone County
For informational purposes only
NAD 83 Zone 11
Data Collected with Trimble GEO 3
November 2003

0 10 20 30 40 50 60 70 Miles

Appendix IV

Publicity



MIKE McLEAN/Press

Mark Swarzlaender, assistant professor of biological weed control for the University of Idaho, releases about 150 weevils Thursday in a field thick with spotted knapweed.

Bugs brought in for weed war

150 weevils released in a field of spotted knapweed

By MIKE McLEAN
Staff writer

COEUR d'ALENE — A group of scientists and land managers is so excited about new bugs they brought to North Idaho, they hope they spread like weeds.

In fact, they don't mind if each spotted knapweed in the Inland Northwest

Cooperative Weed Management Area becomes home to the bugs.

They are hoping the bugs eat themselves out of house and home — as long as they don't take up residence in "good" plants.

"Before we can introduce a new insect, we have to make sure native plants are not going to be eaten," said Mark Swarzlaender, assistant professor of biological weed control for the University of Idaho.

BUGS continued on C8

BUGS

continued from C1

After a daylong workshop in Coeur d'Alene on biological controls of weeds, the group released broad-nosed seed head weevils in a lot taken over by spotted knapweed on the northeast corner of Kathleen Avenue and Ramsey Road.

Swarzlaender opened a cardboard container about the size of a pint of ice cream out of a cooler and opened it at the base of a clump of knapweed.

The black bugs warmed up in the sun and started moving out. After a few minutes, some took wing and dispersed throughout the field.

"In a week or two, when the flowers are out, they will start to lay eggs," he said.

The adult weevil, about the size of a cooked grain of rice, lays eggs in the flower heads of

knapweed. The larvae feed on developing seeds.

The weevil will join a lesser knapweed flower weevil and two types of seed head flies in the battle to control knapweed biologically.

"The bugs are well adapted and moving around," Swarzlaender said. "They are starting to become more abundant."

Weeds like spotted knapweed came to the West from Europe 150 to 200 years ago. They have no natural enemies — until recently.

The University of Idaho is researching bugs that will attack specific noxious weeds, without eating any other plants.

Swarzlaender said researchers are testing another weevil that attacks the root system of knapweed.

Carol Rondall, entomologist for the U.S. Forest Service, said the demonstration lot is a good

place to show what happens when ground is opened up.

The land was cleared of timber in 2000.

Within a year, knapweed had established itself as the dominant plant. Randall estimated more than 90 percent of the ground was covered with chest high spotted knapweed Thursday.

"Ground disturbance triggers invasion of noxious weeds," Swarzlaender said. "Where the ground is disturbed, you will find spotted knapweed or dalmatian toadflax."

Spotted knapweed grows purple flowers that look somewhat like small thistles.

After the seeds develop, the plant dries out and turns brown, creating a fire hazard. Native animals and livestock don't eat it.

About 70,000 broad-nosed seed head weevils were collect-

ed in British Columbia for distribution within the western United States.

The university gave each participant in the Coeur d'Alene workshop a container of 200 broad-nosed seed head weevils.

Ronald Deon, weed controller for the U.S. Forest Service, said he plans to release the bugs on Canfield Loop.

"We've got some seed heads there that are ready," he said.

Researchers have also found bugs to aid in controlling other species of weeds. One type of weevil introduced last year seems to be taking off in a nearby patch of dalmatian toadflax.

"Once in a while, we have one insect that does a marvelous job," Swarzlaender said. "We encourage private landowners to distribute the bugs."

SSNP - March 25, 2003

County offers assistance in war on noxious weeds

By DON SAUER
Staff writer

WALLACE — As sure as the flowers will bloom and the lawn will green up the weeds will also be making their appearance very soon and Shoshone County officials are offering assistance in battling the leafy menaces.

Shoshone County offers assistance to property owners

in the effort to control noxious weeds throughout the county, according to County Weed Supervisor Leslee Stanley.

Stanley said the county offers a Neighborhood Cooperative Program where residents are brought into a group effort landowners, their neighbors, land manager as well as the county and various utility companies in a broad weed management effort.

"Some of our goals are to protect existing clean zones, create new weed-free areas which will be used as the anchor points for other projects," Stanley said. "What we need to do is stop the spread of new invaders as well as provide education and encourage the restoration of the sprayed areas."

To help landowners join the program, Stanley said resi-

dents can be reimbursed for 80 percent of their herbicide costs. She said all proposals need to be pre-approved prior to the spraying season with the initial deadline for applications being April 1.

Stanley added that the Weed Advisory Board will consider late applications as long as there is funding still available.

In addition to helping with the cost of the herbicides,

Stanley said the county can also lend a hand by loaning out various pieces of equipment which include backpack sprayers, a tank sprayer for use on an ATV as well as a 25-gallon slip-in tank. Stanley said all of these are available on a first come, first serve basis.

For more information on the weed program, contact Stanley at 753-5475.



SSNP - May 10, 2003

Educational open house targets noxious weeds

By DON SAUER
Staff writer

SILVER VALLEY — Shoshone County is offering residents a chance to go back to school to learn a few lessons on dueling with dandelions or battling blue weed this summer.

The Shoshone County Noxious Weed Advisory Board will host an educational "Weed Awareness Open House" from 6-8 p.m. Tuesday at the Old Kingston High School, said weed board chairman Carol Young.

Young said Dr. Stan Shapiro offered to open the old high school to the public for the event. The event offers a chance for people to exchange

information as well as for private residents or large landowners to pick up tips and ideas for combating their individual weed problems.

A number of experts will be on hand to dispense assistance and information to anyone interested in learning more about creative ways to control weeds in the county, Young said.

Experts expected to be at the meeting will be from the Forest Service, Bureau of Land Management, Idaho

Department of Agriculture, the University of Idaho, Wilbur-Ellis and Shoshone County.

Young said the group is teaming up with individuals to encourage public and private partners to find common ways

to prevent and control weeds.

"By teaming up now with the landowners, wildlife habitat, recreation and productive agricultural land can be protected from weed invasion," Young said. "Many ongoing projects are aimed at prevention, early detection and rapid response to new weed infestations."

Among the various materials which will be available at the open house will be interactive

weed identification, youth awareness coloring books, mapping and co-op reimbursement.

Young said Idaho state licensed applicators will be awarded two credits for attending the open house.

For more information on the open house, contact Young at 682-4595 or Shoshone County Weed Superintendent Leslee Stanley at 753-5475.





**Spread the
Word
Not the Weed**

Noxious Weed Symposium

Hawkweeds—University of Idaho

Weed Identification—Doug Evans, BLM

Reading & Understanding Pesticide Labels- Joel Fields, Wilbur Ellis

Applicator Licenses and Responsibilities-Tim Stein, ISDA

Residential Options-Nina Eckberg, Kootenai County

Biological Controls—Carol Randall, USFS

Weed Free Forage-Valerie Goodnow, USFS

Shoshone County Programs—Weed Advisory Board

Neighborhood Cooperatives

Equipment for Loan

Youth Awareness

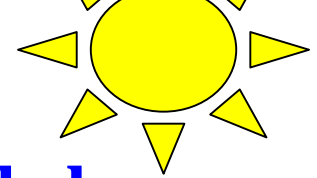
Mapping & Inventory

Weeds of the Northwest-Leslee Stanley, Weed Superintendent

Tuesday, May 13, 2003, 6pm—8pm

Old Kingston High School, Kingston, Idaho

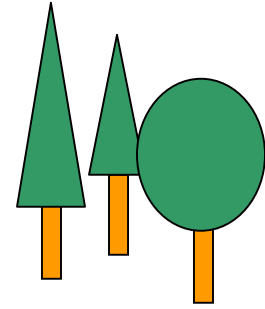
Two credits will be available for licensed applicators.



Project Learning Tree Workshop

April 11-12, 2003

Wildfire and Weeds Workshop



Workshop Site: Bryan Elementary
802 Harrison, Coeur d'Alene, ID

Workshop Hours: 4:00 pm- 9:30 pm Friday,
8:00 am - 5 pm Saturday

Project Learning tree is an award winning education program that uses forests and trees as "windows" on the world.

This is a different course from the basic PLT workshop; it has a separate course number and a separate credit. Fire education materials, including a CD-ROM worth \$25, are provided FREE at this workshop.

You may earn one graduate credit from University of Idaho (\$62), payable at the workshop.

To Register:

Send \$10.00 refundable (upon attendance) fee Carol Randall, IPNF, 3815 Schreiber Way, Coeur d'Alene, Id 83815. You will be sent a confirmation letter and a memo with detailed workshop information.

Questions? Contact Carol Randall at 765-7343
(crandall@fs.fed.us) or Michelle Youngquist (info below)

State PLT Office: 350 N. 9th St., #304, Boise ID 83702
208-334-4061 *plt@idahoforests.org *www.idahoforests.org



Leslee Stanley, Shoshone County Weed Superintendent gave a presentation on Regional Weeds, landowner and county duties.